

AMENDMENTS TO THE DRAWINGS

The attached sheet(s) of drawings includes changes to .

FIGS. 4, 11, 13, 17 and 19 are corrected.

Attachments: Replacement sheets

REMARKS

Claims 1-7 and 12-17 are pending. By this response, claims 1-7 and 12-14 are amended, claims 8-11 are canceled and claims 16 and 17 added. Also, FIGS. 4, 11, 13, 17 and 19 are corrected, specification amended and a new Abstract and Title provided. Reconsideration and allowance based on the above amendments and following remarks are respectfully requested.

Title

Applicants note that a new title is provided which more accurately represents the pending claims.

Drawings

The Examiner objects to FIG. 1 stating that the “frame data corrections device” is referenced as number 3 and reference number 10 in the specification. Applicants note that the specification on pages 5, 6 and 7 have been amended to define reference numeral 3 as the “image correction device” and not the “frame data corrections device.”

The Examiner also asserts that FIGS. 4, 11, 13 and 17 should include polarity directions of the signals input into the “adders” in order to be consistent with the specification. In response, Applicants have corrected FIGS. 4, 11, 13 and 17 by adding these polarities signs.

The Examiner also asserts that FIG. 19 includes mislabeling therein. In response, Applicants have corrected FIG. 19 as suggested in the Office Action.

Finally, the Examiner objects to FIG. 17 because it does not include signs mentioned in the description. Specifically, reference number 31 is not

included in FIG. 17. In response, Applicants have corrected FIG. 17 to include the reference numeral 31.

In view of the above, Applicants respectfully submit that the drawing objections have been addressed. Accordingly, reconsideration and withdrawal of the objections are respectfully requested.

Specification

The Examiner objects to the Abstract as not complying with MPEP §608.01(b). Specifically, the use of the word “means” is indicated as not adhering to the abstract requirements. In response, Applicants have provided a new abstract in which the word “means” has been removed therefrom. Accordingly, withdrawal of the objections to the abstract is respectfully requested.

Also, the Examiner has objected to the specification due to informalities. Applicants have addressed each of the indicated informalities as indicated by the amendments to the specification. Applicants note that the use of the term “subtractor” to reference the “adder” illustrated in the figures has been changed throughout the specification to “adder.” Applicants note that features disclosed in the specification in which a data signal is subtracted from another signal is clearly understood in the drawings with the addition of the the polarity signals in the drawings. Thus, Applicants respectfully submit that the changes to the specification and drawings provide clarity to the features disclosed therein.

Therefore, in view of the above, Applicants respectfully request reconsideration and withdrawal of the objections to the specification.

Prior Art Rejection

Claims 1-5 are rejected under 35 U.S.C. §102(e) in view of Ishii (US 2004/0012551). This rejection is respectfully traversed.

Ishii teaches a system to eliminate blurring edges in residual images displayed in moving video images on a LCD display.

In Ishii's system present frame data is compared to previous frame data. The received data is input to a data emphazizer 350. The data emphazizer, as shown in FIGS. 4 & 5 of Ishii, include a frame buffer for delaying a frame buffer for delaying a frame by one frame and a conversion table for 20 that generates overdrive data based on the input data and the previous frame data. The data is output to a max with specific data selected to be multiplexed. This data is then output to the display as the corrected data. See Col. 3-5.

Ishii teaches conversion of input data by using input data and previous frame data to obtain corrected image data. However, Ishii teaches a very different system and implementation of correction data from the claimed features recited in Applicants claims 1 and 12. Ishii does not teach that specific features recited in Applicants claims 1 and 12.

Specifically, Applicants respectfully submit that Ishii fails to teach, *inter alia*, an encoder which encodes inputted object frame data; a delay device connected to said encoder, for delaying the encoded object frame data by one frame and outputting an encoded previous frame data; a first decoder connected to said encoder and decoding the encoded object frame data; a second decoder, the second decoder connected to said delay device and decoding said encoded previous frame data; a data correction device that receives said object encoded data from said first decoder and previous frame data from said second decoder, and corrects object frame data included in an inputted image signal on the basis of said object frame data and previous frame

data, and outputs a correction image data derived from subtracting said object frame data from said previous frame data; a previous frame image producer that receives said correction image data and said object frame data and adds the correction image data to said object frame data producing previous frame reproduction data; and a frame data correction device that outputs corrected object frame data based on object frame data, correction image data and frame reproduction data, as recited in claim 1.

Ishii also fails to teach, *inter alia*, encoding inputted object frame data; delaying the encoded object frame data by one frame and outputting an encoded previous frame data; decoding the encoded object frame data by a first decoder connected to said encoder and; decoding said encoded previous frame data by a second decoder, the second decoder connected to said delay device and; outputting correction image data that corrects object frame data included in an inputted image signal on the basis of said object frame data and previous frame data by a data correction device that receives said object encoded data from said first decoder and previous frame data from said second decoder, and outputs a correction image data derived from subtracting said object frame data from said previous frame data; producing previous frame reproduction data by a previous frame image producer that receives said correction image data and said object frame data and adds the correction image data to said object frame data; and outputting corrected object frame data by a frame data correction device based on object frame data, correction image data and frame reproduction data, as recited in claim 12.

Further, dependent claims 2-7 and 13-17 are also distinguishable from Ishii for the reasons set forth above as well as for the additional features they recite. Accordingly, reconsideration and withdrawal of the rejection are respectfully requested.

Conclusion

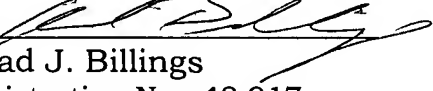
For at least the above reasons Applicants respectfully submit Claims 1-7 and 12-17 are distinguishable over the cited art. Favorable consideration and prompt allowance are earnestly solicited.

Should there be any outstanding matters that need to be resolved in the present application, the Examiner is respectfully requested to contact Chad J. Billings Reg. No. 48,917 at the telephone number of the undersigned below, to conduct an interview in an effort to expedite prosecution in connection with the present application.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies to charge payment or credit any overpayment to Deposit Account No. 02-2448 for any additional fees required under 37.C.F.R. §§1.16 or 1.14; particularly, extension of time fees.

Dated: November 16, 2007

Respectfully submitted,

By 
Chad J. Billings
Registration No.: 48,917
BIRCH, STEWART, KOLASCH & BIRCH, LLP
8110 Gatehouse Road, Suite 100 East
P.O. Box 747
Falls Church, Virginia 22040-0747
(703) 205-8000
Attorney for Applicant

Attachments